1st & Final. SBR.No. 42/2.1.21

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of Work:- Improvements to Road and Drain at Kopilu layout in Ward No.05 (Jalebur) Byatarayanpura Sub Division						
	Sobe code :- 005-20-000071						
	Estimate cost: 250.00 lakhs						
	Name of Agency: K.R. Santhosh kumar.						
	Work order: BBMP/EE/BTP/100/57/20-21 Dt 27/7/20						
(1)	Earthwork Excavation by manual means for roads, drains & similar works						

1st & part (4)

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	In ordinary breaking of qty w the
(2)	providing t will 40 m.m aggregates t bid in by Companies

1st & part

4

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
		ments to Road and	
		ail in Ward No. 05	
		gampura Sub Division	
		00071	
		khs	
		ulhosh kumar.	
		/BTP/100/57/20-21	
		Dt 27/7/20	
		manual means	
		similar works	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500740

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	in ordinary soil excavated surface levelled and breaking of clods etc complete as per item No 1 from premeasurement sheet - Pg 1-6 @ Rate 217.94/m³					Qty - 2658.93 m³ = 578398=00	
(2)	providing & laying in position P.C.C. of mix 1:4:8 with 40 mm & down size graded metal coarse aggregates & fine aggregates Mix mixes Concrete laid in layers not exceeding 15 cm like well copmpaites etc complete						

1st & part

4

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty is from premeasurement sheet void item NO 2 & pg - 168 @ Rate 5677.44/m³					Qty - 201.24 m³ = 1142528=0	
(3)	providing & laying in position P.C.C A mix 1:2:4 with 20 m.m & down size graded granite metal course aggregates & fine aggregates machine mixed concrete laid in layers not exceeding 15 c.m like well compacted in foundation plinth & sill including cost of all materials labour curing etc complete						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Qty is from item NO 3 @ Rat
(4)	Providing & l with 40 m.m & coarse aggregat mixed concre 15 c.m like wo including cost- complete.

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
		summer shear wall	
		Qty - 201.24 m³	
		= 1142528=0	
		position P.C.C & mix	
		own size graded	
		aggregates & fine	
		ixed concrete	
		ceeding 15cm thick	
		oundation plinth &	
		ll materials labour	
		ete	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500741

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty is from pre measurement sheet wall					Qty - 82.75 m³	
	Item NO 3 pg - 9610					= 499275=00	
	@ Rate 6033.54/m³						
	(4) providing & laying in position P.C.C & mix 1:3:6 with 40 m.m & down size graded granite metal course aggregates & fine aggregates mailine mixed concrete laid in layers not exceeding 15cm thick well compacted in foundation including cost of all materials curing etc complete.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty is from Premeasurement sheet- wide Item No 4 & Pg - 1 to 15 @ Rate 5779.82/m³					Qty - 382.37 m³ = 2210030 = 00	
	(5) Providing laying plain/reinforced C.C for side drain using M20 nominal mix concrete with 20 m.m & down size granite metal coarse aggregates & fine aggregates M/C mixed well compacted for wall & Bottom including Centering shuttering cost of materials machinery curing etc complete						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Qty is from ... & Pg - 3 to 8
(6)	Providing T. for RCC work ... bending, ... and/or welding ... binding wire ... members ...

OK

Depth 6	Contents 7	Reference to last Measurement 8
urement sheet-		
/to 15	qty - 382.37 m³	
3	= 2210030 = 00	
reinforced		
M20 nominal mix		
down size		
aggregates & fine		
ell compacted for		
Centering		
cial machinery		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500742

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	qty is from measurement sheet- Item No 5 & pg - 3 to 11					qty - 934.03 m³	
	@ Rate 7422.30/m³					= 6969762 = 00	
(6)	providing T. M. Tbars Fe 500 steel reinforcement for RCC work including straightening cutting bending, hooking placing in position lapping and/or welding wherever required tying with binding wire & anchoring to the adjoining members wherever necessary etc complete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty is from premeasurement - Item No 6 & Pg - (12) 16 to 23 @ Rate 75928.86/Tonne					Qty - 54.74 Tonne = 4156346=0	
	(7) providing & Fixing pre cast - covering slab made out of CC 1:2:4 with 10c.m thick & Finishing Cutting, including form work curing including cost of all materials etc complecate. page 12 to 16					Qty -	
	Qty is from measurement - sheet - vide Item No 7 & 8 @ Rate 2853.38					Qty - 2163.11 m² = 5306931=	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(8)	providing & thick made c with steel re curing me hire charges transportati Qty is f

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
		surement- Item No 6	
		Qty- 54.74 Tonn	
86/Tonne		=4156346=00	
e con-		covering slab	
with 10c.m thick &			
ding form work			
& all materials etc			
		Qty-	
ment-		sheet-	
18		Qty- 2163.11 m²	
		=530693/=	

Est. & part

4

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500743

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(8)	providing & Fixing pre cast- covering slab 250 m.m thick made out of CC 1:2:4 & Jelly 20 m.m down size with steel reinforcement- including form work curing including cost of all materials labour hire charges loading unloading & cart & Lift- transportation etc complete Page 16 to 17						
	Qty is from measurement sheet vide Item No 8						
	& 9-					Qty-	186.89 m²
	ⓐ Rate 5687.82/m²					=	1062997=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(9)	Scarifying bituminous course 50mm.m to 75mm.m thick along with premix carpet/surface dressing by road roller attached with scarifier without disturbing the base & stacking the debris including cost of all labour charges etc complete						
	Qty is from premeasurement sheet vide Item No 9 & pg 28					Qty - 191.10m²	
	@ Rate 43.40/m²					= 8294=00	
(10)	Construction of embankment with approved materials Gravel/murrum with all lifts & leads						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	transporting to slope & compacting cost of by vibration Qty is vide & @ R
(11)	compaction means including ~~during rolling~~

K

Depth 6	Contents 7	Reference to last Measurement 8
e 50mm to 75mm ce/surface ashed with the base & ing cost of all rate rement sheet- 24 qty - 191.10m² = 8294=00 ment with approved with all lifts & leads		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500744

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	transporting to site spreading grading to required slope & Compacting to meet requirement including cost of gravel/Murum watering Compaction by vibration etc Compleate. qty is from premeasurment sheet- wide &tcum no 10 of pg 25 qty - 298.88m³ @ Rate 361.66/m³ = 108093=00						
(11)	compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all material						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Labour etc Complete Qty is from measurement sheet vide Item No 11 & pg 26 @ Rate 6.68/m²					Qty - 1589.18 m² = 10616=00	
	(12) Construction of granular Sub-base Grading-V as Sub base & drainage layer by providing coarse graded crushed stone aggregate & granite material mixing in a mechanical mixer plant carriage & mixed materials to work site Spreading in uniform layer with motor grader on prepared surface & compacting						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	with vibratory density etc Qty from Item no @ Ra
(13)	cement Conc un-reinforced Concreate M20 & fine aggrega

BOOK

...dth 5	Depth 6	Contents 7	Reference to last Measurement 8

...surement sheet -
...-pg 26 Qty - 1589.18m2
.../m2 = 10616=00
Sub-base Grading-VI as
...per by providing coarse
aggregate & granite
...echanical mixer
...d materials to work
layer with motor
...ace & compacting

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500745

Serial No. ....
Name of Work .... From.................................. To.......................................
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	with vibratory power roller to achieve 98% proctor density etc complete.						
	Qty from measurement sheet vide						
	Item no 12 & pg 27					Qty -	224.16m3
	@ Rate 2094.27/m3					=	469452=00
(13)	Cement concrete pavement - Construction of un-reinforced P.C.C pavement using a grade concrete M30 over a prepared base with coarse & fine aggregates mixed in a concrete mixer						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	laid in a approved fixes side form work spreading the concrete with spoons, rakers compactes using needle forces plate vibrator & finishes in a continious operation & curing including cost & all materials etc complete						
	& Qty is from measurements shown						
	side Item No 13 & Pg 18					Qty - 75.60 m³	
	@ Rate 5470.47/- m³					= 413568 = 00	
						229362900 = 00	

20/12/20 ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-26

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ....

Date	Full description, etc, of wo
1	2
	20/12/20 ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ
	(1) It is Satisfa
	(2) The al any
	20/12/20 ಸಹಾಯಕ ಅಭಿಯಂತರರು

OK

Depth 6	Contents 7	Reference to last Measurement 8
...e form work ...with grounds, ...g needle forces ...in a continious ...ing coat of all ... ...ements given ... 18	Qty - 75.60 m³ = 413568=00	2293 6290=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500746

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
				TOTAL Rs		22936290=00 2752355=00	
				Grand TOTAL Rs		2,56,88,645=00	
						Round off: 2,56,88,000.00	

20/12/22
ಸಹಾಯಕ ಅಧೀಯಂತರರು
ವ್ಯಾಪಾರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ದೃಢೀಕರಣ (1) It is certified that the above work done Satisfactorially

(2) The above Bill Amount is not claimed any pririous Bill.

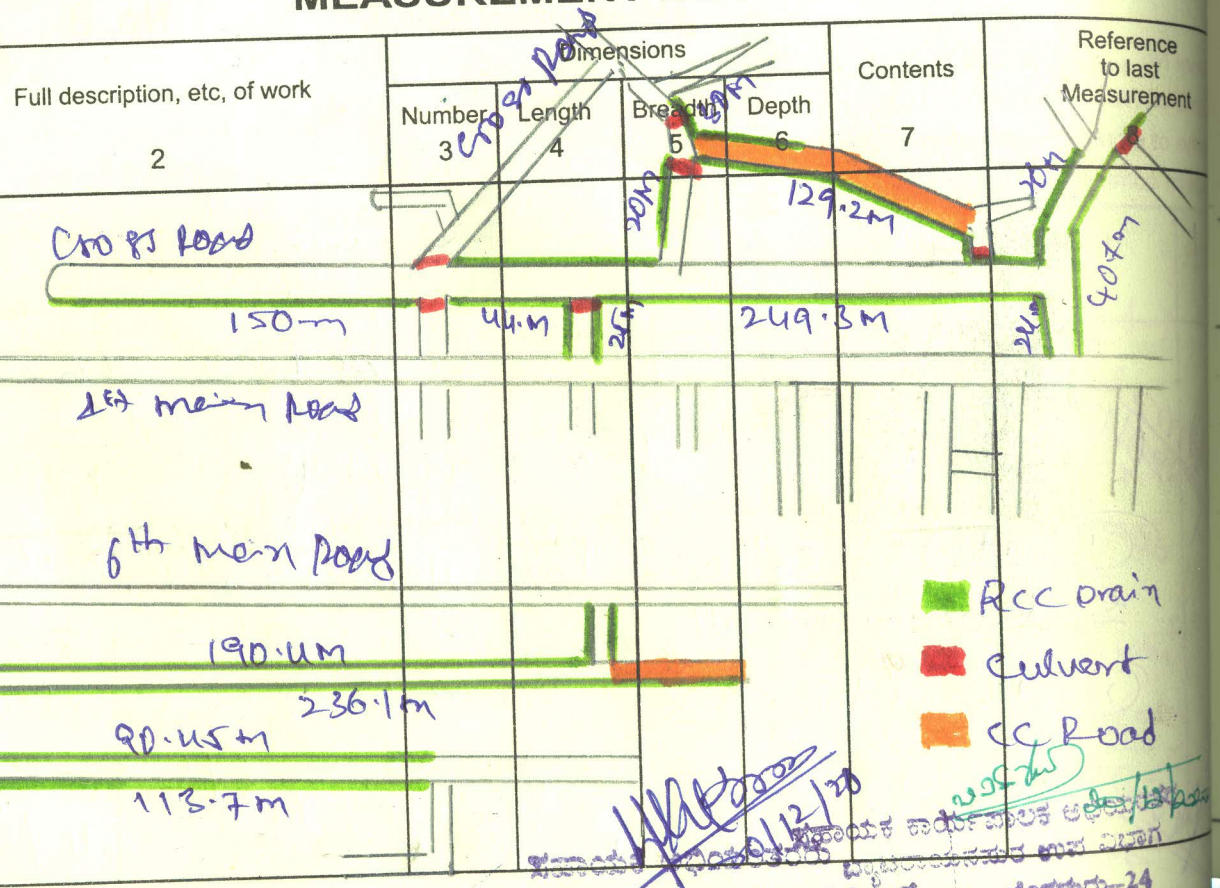
(Contractor)

20/12/22
ಸಹಾಯಕ ಅಧೀಯಂತರರು
ವ್ಯಾಪಾರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವ್ಯಾಪಾರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಡಬ್ಲ್ಯೂ.ಎಸ್., ಬೆಂಗಳೂರು-24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	



Brigade North city approach Road

20/12/20

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

ಬಿ.ಬಿ.ಎಂ.ಪಿ ವ್ಯಾಪ್ತಿಯಲ್ಲಿರುವ ಉಪ ವಿಭಾಗ ಸಂ., ಬೆಂಗಳೂರು-24

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

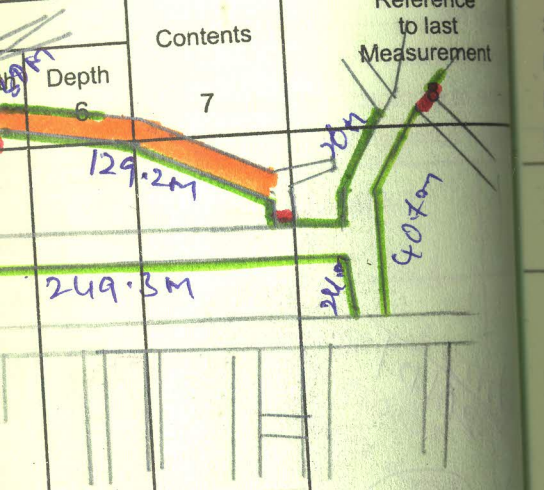
Date	Full description, etc, of wor
1	2

20/12/20

ಸಹಾಯಕ ಅಭಿಯಂತರರು

OOK

Depth 6	Contents 7	Reference to last Measurement



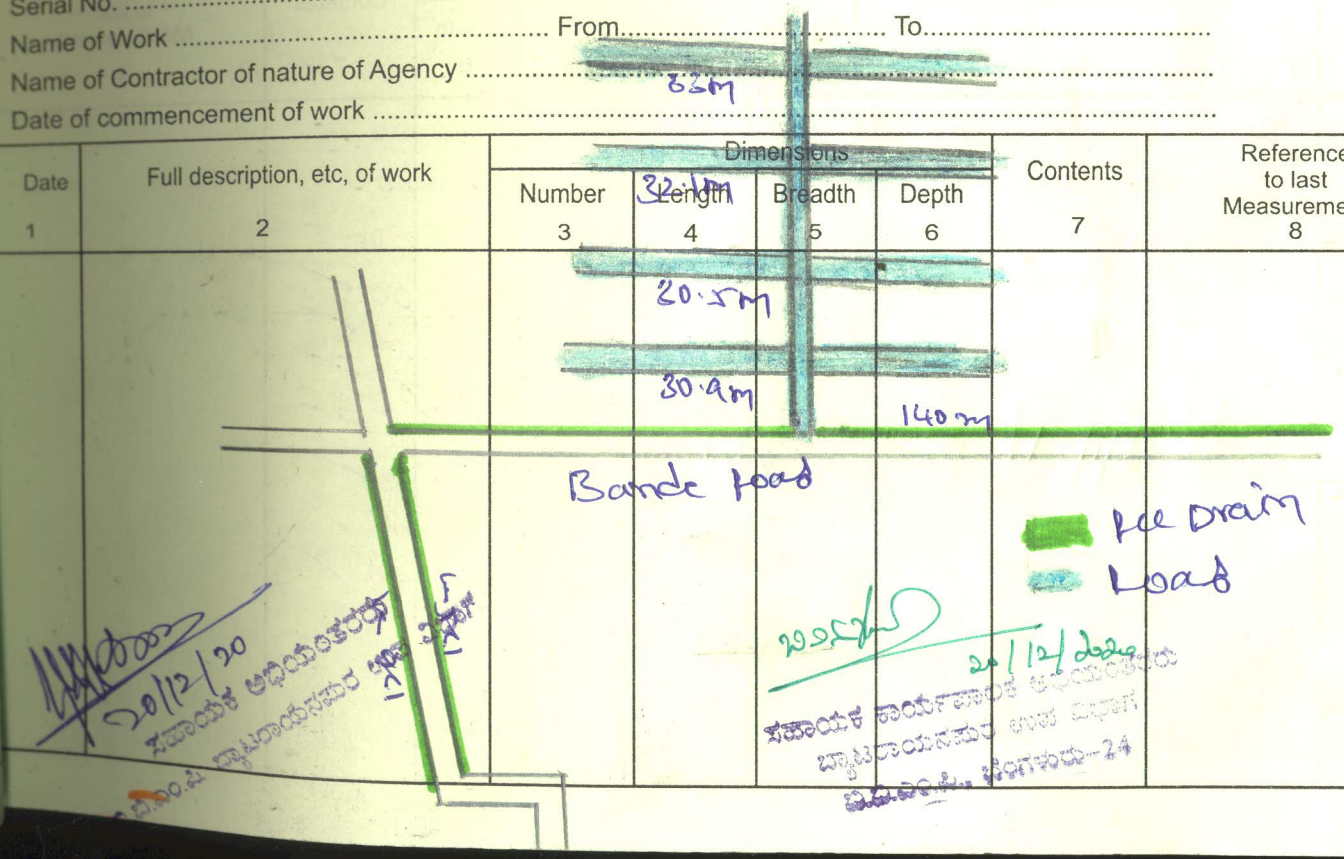
M. A. R. 57 (Rule 116)
Measurement Book

No. B

500747

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8



1st & Final.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	P 3739						
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ Special Development Works in ರಡಿ		TTB	25688600.	00		
	ಬಿಲ್ಲು ಮೊತ್ತ ರೂ. 25688600/- ಗಚನ್ನು ವಾರ್ಡ್ ನಂ: 05 ಪಾಸು ಮಾಡಿದೆ.		It	256886.	00		
	ಇದರಲ್ಲಿ ರೂ. 1257600/- ಗಚನ್ನು ಹೊಂದಾಣಿಕೆ		CGST	229363.	00		
	ಮಾಡಿಕೊಂಡು ರೂ. 24431000/- ಗಚನ್ನು		SGST	229363.	00		
			CESS	256886.	00		
	FT/EPF/NOCS ಮೊತ್ತಾಂಶದ ನಿರ್ದೇಶನಗಳಿದೆ		CBF	25689.	00		
	ಪೂರ್ಣ ವಿಷಯ		01 CR	257113.	00		
	ನಿರ್ವಾಹಕರು 6/12/21		Fine	2300.	00		
	ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬ್ಯಾಡರಾಯನಪುರ ವಿಭಾಗ ಬೃಬೆಮಪಾ. ಬೆಂಗಳೂರು		Ded.	1257600.	00		
			Cheque	24431000.	00		

1st Bill

Factor of nature of Agenc

commencement of work .....

Date	Full description, etc, of work
1	2